



West Nile Virus 2004 Recap

- Use Repellent with DEET
- Reduce Mosquitoes
- Cover up From Dusk to Dawn

2004 West Nile Virus Activity

During the summer of 2004, West Nile virus (WNV) was detected in Utah for the second year in a row. The following chart and map display 2004 total WNV activity in Utah.

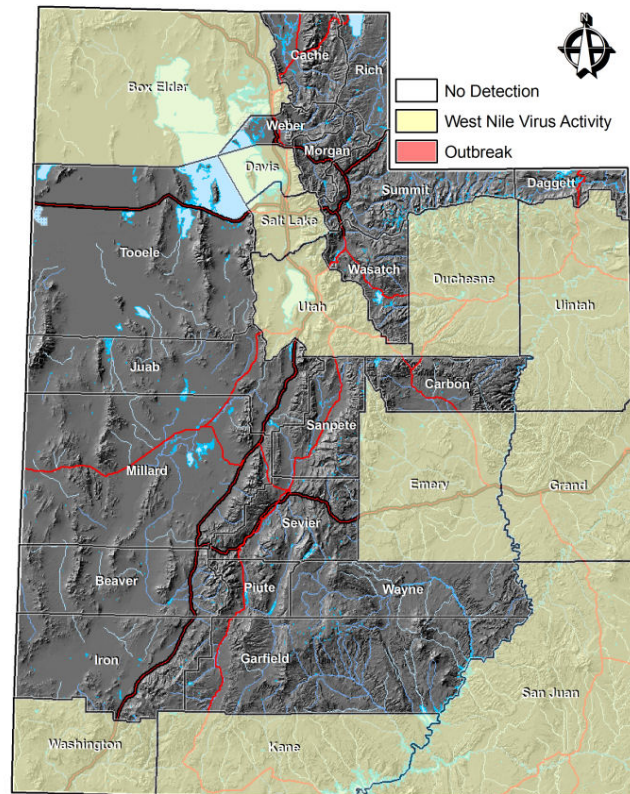
2004 was the first year West Nile activity was established in Utah's densely populated areas along the Wasatch Front such as Salt Lake City. Neighboring states such as Arizona, California, Colorado, and Nevada led the nation in terms of the number of reported human cases.

Highlights From 2004

- Six of 11 human cases in Utah were neuroinvasive (the serious complication from WNV infection) and required hospitalization.
- Approximately 181 out of 3,500 mosquito pools tested in Utah were positive for WNV.
- Five out of 70 domestic horses tested were positive for WNV.
- Approximately 36 flocks (ten chickens per flock) were positioned across the state, 32 chickens tested positive.
- More than 200 wild birds, both live and dead were tested in Utah during the 2004 season.
- Two dead birds and one live bird tested positive for WNV. Additionally, five living captive birds tested positive for WNV.

General Information

WNV is a transmitted by mosquitoes. Most people infected with WNV never develop symptoms. Infected people may display West Nile fever symptoms (fever, headache, and body aches). A small percentage of those infected will develop the more serious form the disease, West Nile neuroinvasive illness, which affects the central nervous system. Neuroinvasive illness symptoms include high fevers, severe headaches, neck stiffness, and mental confusion. Hospitalization may be required and death is possible.



2004 West Nile Virus Activity in Utah					
County	Human	Mosquito Pools	Horse	Bird	Chicken
Grand	0	137	1	1	6
Washington	4	22	1	0	9
Duchesne	2	13	0	0	15
Salt Lake	2	5	2	5	0
Uintah	0	3	1	0	0
Emery	0	0	0	0	2
San Juan	0	1	0	1	0
Box Elder	1	0	0	0	0
Davis	1	0	0	0	0
Kane	0	0	0	1	0
Utah	1	0	0	0	0
State Total	11	181	5	8	32